

Appl. No. 10/696,666
Amdt. Dated 10/11/2005
Response to Office action dated 07/07/2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A battery comprising

a storage section for storing information relating to the battery management information transmitted/received to/from outside through a communicator;

~~wherein, said battery management information is at least either available device information on a device which can use said battery or chargeable charger information on a charger which can charge said battery~~

a serial-parallel conversion circuit both for converting serial data of the information received from the outside into parallel data for storing in the storage section, and for converting parallel data of the information read out from the storage section into serial data for transmitting to the outside

a communication control circuit for controlling storing the parallel data in the storage section and reading out the parallel data from the storage section.

Claim 2 (Currently amended): A ~~The battery of claim 1 further comprising a storage section for storing battery management information transmitted/received to/from outside through a communicator;~~

~~wherein, said battery management information is at least either discharged device history information on a device into which said battery has discharged or charger history information on a charger which has charged said battery~~

an address decoder for designating an address at which the parallel data is stored in the storage section

a register for holding the parallel data to be stored at the designated address

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wherein the communication control circuit is adapted to set address data indicating the address in the address decoder and sets the parallel data in the register.

Claim 3 (Currently amended): The battery according to claim 2 ~~wherein said discharged device history information is supplied through said communicator from the device into which said battery discharges~~

the information related to a device operable with the battery

the information for identifying the device.

Claim 4 (Currently amended): The battery according to claim 2, ~~wherein said charger history information is supplied through said communicator from the charger which charges said battery~~

the information related to a charger able to charge the battery

the information for identifying the charger.

Claim 5 (Currently amended): The battery of claim 2 comprising a storage section for storing battery management information ~~transmitted/received to/from outside through a communicator;~~

~~wherein, said battery management information is at least either battery identification information which a device inherently gives to the battery used by the device or battery identification information which a charger inherently gives to the battery charged by the charger~~

the information related to an inherent discharge characteristic of the battery.

Claim 6 (Currently amended): The battery of claim 2 ~~A device into which a battery discharges, the battery having a storage section for storing battery management information transmitted/received to/from outside through a communicator, wherein~~

~~discharged device history information on said device into which said battery has discharged is supplied as said battery management information to the battery via said communicator~~

the information related to an inherent charge characteristic of the battery.

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Claim 7 (Currently amended): ~~The battery of claim 2 A device into which a battery discharges, the battery having a storage section for storing battery management information transmitted/received to/from outside through a communicator, wherein~~

~~said device supplies battery identification information inherent to the battery as said battery management information to said battery via said communicator~~

the information related to an identification of a device that discharged the battery.

Claim 8 (Currently amended): ~~The battery of claim 2 A charger for charging a battery having a storage section for storing battery management information transmitted/received to/from outside through a communicator, wherein~~

~~charger history information on said charger which has charged said battery is supplied as said battery management information to the battery via the communicator~~

the information related to an identification of a charger that charged the battery.

Claim 9 (Currently amended): ~~A charger for charging a The battery of claim 2, having a storage section for storing battery management information transmitted/received to/from outside through a communicator, wherein~~

~~said charger supplies battery identification information inherent to said battery as said battery management information to the battery via the communicator wherein said information relating to the battery is information for identifying a type of said battery.~~

Claim 10 (New): The battery of claim 2 wherein said information relating to the battery is history information which indicates how the battery was used in the past.